

**Amendments to the Claims:**

The listing of claims presented below replaces all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1           1. (Original) An automated method for managing a transaction involving an  
2     enterprise and at least one partner in a supply chain, the method comprising:  
3           receiving a request for the transaction from an end-user or the partner;  
4           accessing real-time data relevant to the transaction from an existing partner  
5     system;  
6           generating a context for the transaction using the real-time data; and  
7           processing the request in the context for the transaction.
- 1           2. (Original) The method of claim 1, wherein said accessing comprises  
2     communicating with a partner coordinator component integrated with the existing partner  
3     system.
- 1           3. (Original) The method of claim 1, wherein the real-time data comprises  
2     transaction data specifying a status for the transaction.
- 1           4. (Original) The method of claim 1, wherein the real-time data comprises  
2     reference data relating to the partner.
- 1           5. (Original) The method of claim 1, wherein accessing comprises receiving the  
2     real-time data in extensible markup language (XML) format.
- 1           6. (Currently amended) The method of claim 1, further comprising  
2     converting the real-time data into a format usable by a network system, the network  
3     system operable to maintain the context for the transaction.
- 1           7. (Original) The method of claim 1, further comprising maintaining a context for  
2     the transaction at a network system.
- 1           8. (Original) The method of claim 7, further comprising:

2 identifying the context for the transaction based upon the request; and  
3 routing the request for processing of the transaction.

1 9. (Original) The method of claim 1, further comprising sending a response to the  
2 request to the end-user or the partner.

1 10. (Original) The method of claim 1, wherein processing comprises initiating a  
2 workflow for the transaction at a network system.

1 11. (Original) The method of claim 10, wherein the workflow comprises a  
2 plurality of tasks to be performed by the enterprise or partner in order to fulfill the  
3 transaction.

1 12. (Currently amended) The method of claim 11, wherein processing further  
2 comprises notifying the partner of any tasks to be performed by the partner.

3 13. (Currently amended) The method of claim 11, wherein the workflow further  
4 comprises a routing workflow for routing the request to the enterprise or the partner for  
5 performance of the tasks. ~~The method of claim 10, wherein processing comprises~~  
6 ~~initiating at least one process manager routine for managing the workflow.~~

7 14. (Currently amended) The method of claim 10, wherein processing further  
8 comprises initiating at least one process manager routine for managing the workflow. ~~The~~  
9 ~~method of claim 11, wherein the workflow comprises a routing workflow for routing the~~  
10 ~~request to the enterprise or the partner for performance of the tasks.~~

1 15. (Original) The method of claim 1, wherein processing comprises alerting the  
2 partner or the enterprise.

1 16. (Original) The method of claim 1, wherein processing comprises monitoring  
2 a service level associated with the transaction.

1 17. (Original) A system for managing a transaction involving an enterprise and at  
2 least one partner in a supply chain, the system comprising:

3 an interface operable to receive a request for the transaction from an end-user  
4 partner; and  
5 a processing facility in communication with the interface, the processing facility  
6 operable to access real-time data relevant to the transaction from an existing partner  
7 system, the processing facility operable to generate a context for the transaction using the  
8 real-time data, the processing facility operable to process the request in the context for  
9 the transaction.

1 18. (Original) The system of claim 17, wherein the real-time data comprises  
2 transaction data specifying a status of the transaction.

1 19. (Original) The system of claim 17, wherein the real-time data comprises  
2 reference data relating to the partner.

1 20. (Original) The system of claim 17, further comprising a database operable to  
2 maintain the context for the transaction.

1 21. (Original) The system of claim 20, wherein said database comprises a  
2 relational database.

1 22. (Original) The system of claim 17, wherein the real-time data is accessed in  
2 extensible markup language (XML) format.

1 23. (Currently amended) The system of claim 17, [[22,]] wherein said processing  
2 facility is operable to convert real-time data into a format usable by the system.

1 24. (Original) The system of claim 22, wherein the processing facility is operable  
2 to send a response to the request to the end-user or the partner.

1 25. (Original) The system of claim 17, wherein the processing facility is operable  
2 to initiate a workflow for the transaction at a network system.

1 26. (Original) The system of claim 25, wherein the workflow comprises a  
2 plurality of tasks to be performed by the enterprise or the partner in order to fulfill the  
3 transaction.

1           27. (Currently amended) The system of claim 26, wherein the processing facility  
2 is further operable to notify the partner of any tasks to be performed by the partner.

1           28. (Currently amended) The system of claim 26, wherein the workflow further  
2 comprises a routing workflow for routing the request to the enterprise or the partner for  
3 performance of the tasks. ~~The system of claim 25, wherein the processing facility is~~  
4 ~~operable to initiate at least one process manager routine for managing the workflow.~~

1           29. (Currently amended) The system of claim 25, wherein the processing facility  
2 is further operable to initiate at least one process manager routine for managing the  
3 workflow. ~~The system of claim 26, wherein the workflow comprises a routing workflow~~  
4 ~~for routing the request to the enterprise or the partner for performance of the tasks.~~

1           30. (Original) The system of claim 17, wherein processing facility is operable to  
2 alert the partner of the enterprise.

1           31. (Original) The method of claim 17, wherein the processing facility is operable  
2 to monitor a service level associated with the transaction.

1           32. (Original) A system for managing one or more transactions involving an  
2 enterprise and at least one partner in a supply chain, the system comprising:  
3           a database operable to store real-time data relating to the one or more transactions,  
4 the database operable to maintain a respective context for each transaction; and  
5           an execution process engine operable to execute a respective workflow in the  
6 context for each transaction using the real-time data, each workflow comprising a  
7 plurality of tasks to be performed by the enterprise or the partner in order to fulfill the  
8 respective transaction.

1           33. (Original) The system of claim 32, further comprising one or more process  
2 manager components operable to manage the workflows.

1           34. (Original) The system of claim 32, wherein at least one business object is  
2 generated for each workflow.

1           35. (Original) The system of claim 34, further comprising one or more business  
2 object managers operable to manage each business object.

1           36. (Original) The system of claim 32, wherein each workflow comprises a  
2 process for transforming the real-time data according to a business policy between the  
3 enterprise and the partner.

1           37. (Original) The system of claim 32, wherein the database is operable to  
2 maintain one or more business policies relating to the partner.

1           38. (Original) A system for processing a transaction involving an enterprise and  
2 at least one partner in a supply chain, the system comprising:  
3           a database operable to store real-time data relating to the transaction;  
4           at least one process workflow executing on a processing facility, the process  
5 workflow operable to process the transaction; and  
6           a data access layer operable to provide the process workflow access to the real-  
7 time data relating to the transaction, thereby providing a context for the transaction  
8 during processing.

1           39. (Original) The system of claim 38, wherein the at least one workflow  
2 comprises a plurality of tasks to be performed by the enterprise or the partner in order to  
3 fulfill the respective transaction.

1           40. (Original) The system of claim 38, further comprising a business data  
2 manager component operable to manage the at least one process workflow.

1           41. (Original) A network system for managing a supply chain, the network  
2 system comprising:  
3           a network execution component operable to administer a transaction involving an  
4 enterprise and at least one partner in the supply chain; and  
5           a network domain gateway in communication with the network execution  
6 component, the network domain gateway operable to communicate with a partner  
7 coordinator component integrated with an existing system of the partner to provide real-

8 time data relevant to the transaction from the existing system of the partner network  
9 execution component.

1 42. (Original) The network system of claim 41, wherein the network execution  
2 component executes at least one process workflow operable to transform the real-time  
3 data relevant to the transaction based on business rules for the supply chain.

1 43. (Original) The network system of claim 41, wherein the network domain  
2 gateway comprises a transport component operable to send or receive one or more  
3 messages related to the transaction.

1 44. (Original) The network system of claim 41, wherein the network domain  
2 gateway comprises a gateway router component operable to route one or more messages  
3 relating to the transaction between the existing system of a partner and an existing system  
4 of the enterprise.

1 45. (Original) The network system of claim 44, wherein the gateway router  
2 component is operable to perform context-based routing of messages related to the  
3 transaction.

1 46. (Original) The network system of claim 41, further comprising a messaging  
2 system operable to generate one or more messages for the real-time data and to route the  
3 messages within the network system.

1 47. (Original) The network system of claim 41, wherein the network execution  
2 component is operable to manage at least one process workflow for the transaction.

1 48. (Original) The network system of claim 41, further comprising a database  
2 operable to store the real-time data.

1 49. (Original) The network system of claim 48, wherein the database is operable  
2 to store a context for the transaction.

1 50. (Original) The network system of claim 48, wherein the database is operable  
2 to store one or more policy rules that govern the transaction.